

APPENDIX V

CONSERVATION PRACTICE	UNITS	AMOUNT
Alley Cropping	Acres	0
Contour Buffer Strips	Acres	1
Crosswind Trap Strips	Acres	0
Field Borders	Feet	4,400
Filter Strips	Acres	20
Grassed Waterways	Acres	1
Riparian Forest Buffers	Acres	26
Streambank and Shoreline Protection	Feet	2,160
Windbreaks and Shelterbelts	Feet	0
Hedgerow Plantings	Feet	0
Herbaceous Wind Barriers	Feet	0
Total Conservation Buffers	Acres	51

Table A5-1a. Conservation Buffers Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Lower Elk River Watershed. Data are from Performance & Results Measurement System (PRMS) for October 1, 2001 through September 30, 2002 reporting period.

PARAMETER	TOTAL
Erosion Reduction Applied (Acres)	3,917
Highly Erodible Land With Erosion Control Practices (Acres)	2,564
Estimated Annual Soil Saved By Erosion Control Measures (Tons/Year)	34,116
Total Estimated Soil Saved (Tons/Year)	34,116

Table A5-1b. Erosion Control Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Lower Elk River Watershed. Data are from PRMS for October 1, 2001 through September 30, 2002 reporting period.

PARAMETER	TOTAL
Acres of AFO Nutrient Management Applied	380
Acres of Non-AFO Nutrient Management Applied	4,341
Total Acres Applied	4,721

Table A5-1c. Nutrient Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Lower Elk River Watershed. Data are from PRMS for October 1, 2001 through September 30, 2002 reporting period.

PARAMETER	TOTAL
Acres of Pest Management Systems Applied	3,816

Table A5-1d. Pest Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of Lower Elk River Watershed. Data are from PRMS for October 1, 2001 through September 30, 2002 reporting period.

CONSERVATION PRACTICE	ACRES
Acres Prepared for Revegetation of Forestland	26
Acres Improved Through Forest Stand Improvement	352
Acres of Tree and Shrub Establishment	114

Table A5-1e. Tree and Shrub Conservation Practices in Partnership with NRCS in the Tennessee Portion of Lower Elk River Watershed. Data are from PRMS for October 1, 2001 through September 30, 2002 reporting period.

CONSERVATION PRACTICE	ACRES
Acres of Wetlands Created or Restored	50
Acres of Wetlands Enhanced	0
Total Acres Created, Restored, or Enhanced	50

Table A5-1f. Wetland Conservation Practices in Partnership with NRCS in the Tennessee Portion of Lower Elk River Watershed. Data are from PRMS for October 1, 2001 through September 30, 2002 reporting period.

CONSERVATION PRACTICE	ACRES
Acres of Upland Habitat Management	319
Acres of Wetland Habitat Management	0
Total Acres Wildlife Habitat Management	319

Table A5-1g. Wildlife Habitat Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of Lower Elk River Watershed. Data are from PRMS for October 1, 2001 through September 30, 2002 reporting period.

HUC-12	NRCS PRACTICE CODE	NRCS PRACTICE NAME	NUMBER OF PRACTICES INSTALLED	LAND USE DISPLAY
060300040101	327	Conservation Cover	9	Crop
	382	Fence	6	Hay (2) Pasture (4)
	512	Pasture and Hay Planting	4	Hay (2) Pasture (2)
	528	Prescribed Grazing	1	Pasture
	580	Streambank and Shoreline Protection	2	Headquarters (1) Pasture (1)
	590	Nutrient Management	4	Hay (2) Pasture (2)
	595	Pest Management	6	Crop (2) Hay (2) Pasture (2)
	645	Upland Wildlife Habitat Management	9	Crop (5) Hay (2) Pasture (2)
060300040102	329	Residue and Tillage Management No-Till/Strip Till/Direct Seed	2	Crop
	340	Cover Crop	2	Crop
	382	Fence	3	Pasture
	393	Filter Strip	1	Pasture
	511	Forage Harvest Management	3	Hay
	528	Prescribed Grazing	5	Pasture
	590	Nutrient Management	16	Crop (2) Hay (2) Pasture (9) Wildlife (3)
	595	Pest Management	10	Headquarters (1) Pasture (9)
	645	Upland Wildlife Habitat Management	4	Forest
	666	Forest Stand Improvement	5	Forest
060300040104	382	Fence	6	Crop (1) Forest (1) Pasture (4)
	412	Grassed Waterway	1	Pasture
	511	Forage Harvest Management	1	Crop
	512	Pasture and Hay Planting	1	Crop
	528	Prescribed Grazing	8	Pasture
	590	Nutrient Management	14	Crop (1) Pasture (13)

Table A5-2a.

HUC-12	NRCS PRACTICE CODE	NRCS PRACTICE NAME	NUMBER OF PRACTICES INSTALLED	LAND USE DISPLAY
060300040104	595	Pest Management	7	Pasture
	645	Upland Wildlife Habitat Management	6	Crop (2) Forest (4)
	666	Forest Stand Improvement	4	Forest
060300040201	328	Conservation Crop Rotation	14	Crop
	329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed	5	Crop
	342	Critical Area Planting	1	Pasture
	382	Fence	10	Forest (2) Pasture (8)
	472	Use Exclusion	2	Wildlife
	511	Forage Harvest Management	8	Hay (7) Pasture (1)
	512	Pasture and Hay Planting	1	Crop
	516	Pipeline	3	Pasture
	528	Prescribed Grazing	33	Pasture
	533	Pumping Plant	1	Pasture
	561	Heavy Use Area Protection	2	Pasture
	574	Spring Development	1	Pasture
	578	Stream Crossing	1	Pasture
	580	Streambank and Shoreline Protection	1	Pasture
	590	Nutrient Management	77	Crop (23) Grazed Forest (1) Hay (7) Pasture (46)
	595	Pest Management	102	Crop (23) Grazed Forest (1) Hay (7) Headquarters (32) Pasture (39)
	614	Watering Facility	3	Headquarters (1) Pasture (2)
	645	Upland Wildlife Habitat Management	37	Forest (33) Wildlife (4)
	666	Forest Stand Improvement	35	Forest (33) Wildlife (2)

Table A5-2b.

HUC-12	NRCS PRACTICE CODE	NRCS PRACTICE NAME	NUMBER OF PRACTICES INSTALLED	LAND USE DISPLAY
060300040202	328	Conservation Crop Rotation	3	Crop
	382	Fence	6	Pasture
	511	Forage Harvest Management	7	Pasture
	512	Pasture and Hay Planting	7	Pasture
	516	Pipeline	1	Pasture
	528	Prescribed Grazing	10	Pasture
	590	Nutrient Management	4	Crop (1) Pasture (3)
	595	Pest Management	26	Crop (3) Hay (2) Headquarters (1) Pasture (20)
060300040203	327	Conservation Cover	16	Wildlife
	382	Fence	8	Pasture
	412	Grassed Waterway	1	Pasture
	511	Forage Harvest Management	12	Wildlife
	512	Pasture and Hay Planting	1	Pasture
	516	Pipeline	2	Pasture
	528	Prescribed Grazing	21	Pasture
	561	Heavy Use Area Protection	3	Pasture
	590	Nutrient Management	12	Pasture (11) Wildlife (1)
	595	Pest Management	7	Headquarters (1) Pasture (6)
	614	Watering Facility	3	Pasture
	645	Upland Wildlife Habitat Management	1	Wildlife
	647	Early Successional Habitat Development/Manage	14	Wildlife
060300040204	100	Comprehensive Nutrient Management Plan	1	Pasture
	313	Waste Storage Facility	1	Pasture
	327	Conservation Cover	1	Crop
	328	Conservation Crop Rotation	21	Crop
	344	Residue Management, Seasonal	2	Crop
	382	Fence	3	Pasture
	386	Field Border	1	Wildlife
	391	Riparian Forest Buffer	2	Forest (1) Water (1)
	484	Mulching	2	Crop
	511	Forage Harvest Management	19	Hay (8) Pasture (11)

Table A5-2c.

HUC-12	NRCS PRACTICE CODE	NRCS PRACTICE NAME	NUMBER OF PRACTICES INSTALLED	LAND USE DISPLAY
060300040204	512	Pasture and Hay Planting	11	Pasture
	516	Pipeline	6	Pasture
	528	Prescribed Grazing	49	Pasture
	561	Heavy Use Area Protection	5	Pasture
	580	Streambank and Shoreline Protection	2	Water
	590	Nutrient Management	26	Crop (4) Hay (7) Pasture (14) Wildlife (1)
	595	Pest Management	103	Crop (21) Hay (7) Headquarters (2) Pasture (72) Wildlife (1)
	614	Watering Facility	5	Pasture
	645	Upland Wildlife Habitat Management	9	Forest
	666	Forest Stand Improvement	2	Forest
060300040205	100	Comprehensive Nutrient Management Plan	1	Headquarters
	313	Waste Storage Facility	1	Headquarters
	327	Conservation Cover	2	Crop
	328	Conservation Crop Rotation	5	Crop
	340	Cover Crop	2	Crop
	344	Residue Management, Seasonal	2	Crop
	391	Riparian Forest Buffer	3	Crop (2) Pasture (1)
	472	Use Exclusion	3	Wildlife
	512	Pasture and Hay Planting	2	Pasture
	528	Prescribed Grazing	20	Pasture
	561	Heavy Use Area Protection	2	Pasture
	580	Streambank and Shoreline Protection	1	Pasture
	590	Nutrient Management	9	Crop (5) Pasture (2) Wildlife (2)
	595	Pest Management	13	Crop (5) Hay (4) Headquarters (1) Pasture (3)
	645	Upland Wildlife Habitat Management	28	Crop (1) Forest (18) Pasture (2) Wildlife (7)
	666	Forest Stand Improvement	20	Forest

Table A5-2d.

HUC-12	NRCS PRACTICE CODE	NRCS PRACTICE NAME	NUMBER OF PRACTICES INSTALLED	LAND USE DISPLAY
060300040206	382	Fence	4	Pasture (3) Wildlife (1)
	386	Field Border	1	Pasture
	393	Filter Strip	1	Pasture
	511	Forage Harvest Management	2	Crop
	516	Pipeline	5	Pasture
	533	Pumping Plant	1	Pasture
	561	Heavy Use Area Protection	1	Pasture
	580	Streambank and Shoreline Protection	1	Pasture
	590	Nutrient Management	27	Grazed Forest (1) Pasture (22) Wildlife (4)
	595	Pest Management	2	Pasture (1) Wildlife (1)
	614	Watering Facility	6	Pasture
	645	Upland Wildlife Habitat Management	10	Crop (2) Forest (7) Wildlife (1)
	657	Wetland Restoration	1	Wildlife
	666	Forest Stand Improvement	2	Forest
060300040207	100	Comprehensive Nutrient Management Plan	1	Pasture
	313	Waste Storage Facility	3	Pasture
	327	Conservation Cover	8	Crop
	328	Conservation Crop Rotation	31	Crop
	329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed	19	Crop
	340	Cover Crop	18	Crop
	342	Critical Area Planting	1	Pasture
	382	Fence	2	Forest (1) Pasture (1)
	393	Filter Strip	4	Crop (3) Pasture (1)
	472	Use Exclusion	1	Wildlife
	511	Forage Harvest Management	2	Crop
	516	Pipeline	1	Pasture
	528	Prescribed Grazing	15	Pasture
	580	Streambank and Shoreline Protection	1	Watershed Protection
	590	Nutrient Management	43	Crop (27) Pasture (16)

Table A5-2e.

HUC-12	NRCS PRACTICE CODE	NRCS PRACTICE NAME	NUMBER OF PRACTICES INSTALLED	LAND USE DISPLAY
	595	Pest Management	44	Crop (25) Pasture (19)
	614	Watering Facility	2	Pasture
	645	Upland Wildlife Habitat Management	17	Crop (13) Forest (4)
	666	Forest Stand Improvement	1	Forest
060300040208	100	Comprehensive Nutrient Management Plan	1	Pasture
	328	Conservation Crop Rotation	9	Crop
	329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed	1	Crop
	382	Fence	5	Pasture
	391	Riparian Forest Buffer	1	Pasture
	472	Use Exclusion	1	Headquarters
	511	Forage Harvest Management	4	Crop (3) Hay (1)
	512	Pasture and Hay Planting	3	Crop
	528	Prescribed Grazing	13	Pasture
	590	Nutrient Management	12	Crop (8) Pasture (3) Wildlife (1)
	595	Pest Management	32	Crop (10) Hay (3) Headquarters (1) Pasture (18)
	645	Upland Wildlife Habitat Management	3	Crop
060300040301	328	Conservation Crop Rotation	9	Crop
	329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed	3	Crop
	344	Residue Management, Seasonal	7	Crop
	382	Fence	4	Pasture
	386	Field Border	7	Crop
	511	Forage Harvest Management	2	Hay
	512	Pasture and Hay Planting	7	Crop
	590	Nutrient Management	7	Crop (4) Pasture (3)
	595	Pest Management	19	Crop (11) Hay (1) Headquarters (1) Pasture (6)

Table A5-2f.

HUC-12	NRCS PRACTICE CODE	NRCS PRACTICE NAME	NUMBER OF PRACTICES INSTALLED	LAND USE DISPLAY
060300040301	612	Tree/Shrub Establishment	3	Crop (2) Pasture (1)
	645	Upland Wildlife Habitat Management	14	Crop (12) Forest (2)
	666	Forest Stand Improvement	5	Forest
060300040302	327	Conservation Cover	13	Crop
	328	Conservation Crop Rotation	7	Crop
	329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed	7	Crop
	344	Residue Management, Seasonal	9	Crop
	382	Fence	17	Crop (6) Pasture (11)
	512	Pasture and Hay Planting	5	Hay (1) Pasture (4)
	516	Pipeline	1	Pasture
	528	Prescribed Grazing	10	Pasture
	561	Heavy Use Area Protection	7	Pasture
	578	Stream Crossing	1	Pasture
	590	Nutrient Management	39	Crop (16) Pasture (23)
	595	Pest Management	51	Crop (20) Pasture (31)
	612	Tree/Shrub Establishment	3	Crop
	614	Watering Facility	3	Pasture
	645	Upland Wildlife Habitat Management	13	Crop (9) Pasture (4)
060300040303	382	Fence	6	Forest (1) Pasture (5)
	590	Nutrient Management	5	Forest (1) Grazed Forest (1) Pasture (3)
	595	Pest Management	21	Forest (1) Grazed Forest (1) Headquarters (1) Pasture (18)
	645	Upland Wildlife Habitat Management	2	Forest
	666	Forest Stand Improvement	3	Forest
060300040401	328	Conservation Crop Rotation	4	Crop
	340	Cover Crop	2	Crop
	386	Field Border	2	Crop (1) Wildlife (1)

Table A5-2g.

HUC-12	NRCS PRACTICE CODE	NRCS PRACTICE NAME	NUMBER OF PRACTICES INSTALLED	LAND USE DISPLAY
060300040401	393	Filter Strip	5	Crop
	410	Grade Stabilization Structure	1	Crop
	511	Forage Harvest Management	13	Hay (8) Pasture (1) Wildlife (4)
	512	Pasture and Hay Planting	1	Pasture
	528	Prescribed Grazing	1	Pasture
	590	Nutrient Management	3	Hay
	595	Pest Management	20	Crop (4) Hay (3) Pasture (13)
	645	Upland Wildlife Habitat Management	22	Crop (2) Forest (7) Wildlife (13)
	666	Forest Stand Improvement	10	Forest (7) Wildlife (3)
060300040402	327	Conservation Cover	1	Crop
	329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed	4	Crop
	378	Pond	1	Pasture
	382	Fence	2	Pasture (1) Wildlife (1)
	393	Filter Strip	1	Wildlife
	511	Forage Harvest Management	2	Hay
	580	Streambank and Shoreline Protection	1	Pasture
	590	Nutrient Management	5	Pasture
	595	Pest Management	10	Pasture
	612	Tree/Shrub Establishment	1	Crop
	614	Watering Facility	1	Pasture
	645	Upland Wildlife Habitat Management	11	Crop (1) Forest (9) Wildlife (1)
	647	Early Successional Habitat Development/Management	2	Pasture (1) Wildlife (1)
060300040403	327	Conservation Cover	8	Crop
	328	Conservation Crop Rotation	1	Crop
	329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed	1	Crop
	528	Prescribed Grazing	1	Pasture

Table A5-2h.

HUC-12	NRCS PRACTICE CODE	NRCS PRACTICE NAME	NUMBER OF PRACTICES INSTALLED	LAND USE DISPLAY
060300040403	561	Heavy Use Area Protection	1	Pasture
	590	Nutrient Management	2	Crop (1) Pasture (1)
	595	Pest Management	2	Crop (1) Pasture (1)
	614	Watering Facility	1	Pasture

Table A5-2i.

Tables A5-2a-i. Best Management Practices Installed in Partnership with NRCS (2006-2007) in the Tennessee Portion of the Lower Elk River Watershed. Information was provided as part of Conservation Technical Assistance Grant 060701T47.

NRCS CODE	PRACTICE	NUMBER OF BMPs
312	Waste Management System	3
340	Winter Cover	12
342	Critical Area Treatment	6
378	Pond	4
378a	Pond for Rotational Grazing System	1
382	Fencing	2
512	Pasture and Hayland Planting	90
512a	Cropland Conversion	8
512b	Pasture or Hayland Renovation	2
561	Heavy Use Area	1
580	Stream Stabilization	1

Table A5-3. Best Management Practices Installed by Tennessee Department of Agriculture and Partners in the Group 2 Portion of the Tennessee Portion of the Lower Elk River Watershed.